

Reverse osmosis process for supply of pure water for blood dialysis**Publication number:** DE19520912**Publication date:** 1996-12-19**Inventor:** SCHAEEL WILFRIED DR ING (DE)**Applicant:** SCHAEEL WILFRIED (DE)**Classification:****- international:** B01D61/12; G05D21/02; A61M1/16; B01D61/02; G05D21/00; A61M1/16; (IPC1-7): A61M1/14; C02F1/44; B01D61/12; G05D21/00**- European:** B01D61/12; G05D21/02**Application number:** DE19951020912 19950608**Priority number(s):** DE19951020912 19950608**Abstract of DE19520912**

The reverse osmosis process uses a filter module assembly to separate incoming raw water into filtered pure water (permeate) and unfiltered water contg. conc. residues. A pipe returns a varying proportion of the concentrate to the incoming flow of raw water, while the balance of the concentrate is discharged to a drain. The quality of permeate generated is adjusted as required by a flow-control valve (17) incorporated in the pipe taking concentrate from the filter module. An increase in the concentrate release from the filter module is linked by means of a supplementary control assembly to a redn. in the concentrate released to the drain.

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1 Reverse osmosis assembly for water treatment

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